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Resume of Theodore H. Gawain, 1951

Gawain, Theodore H.

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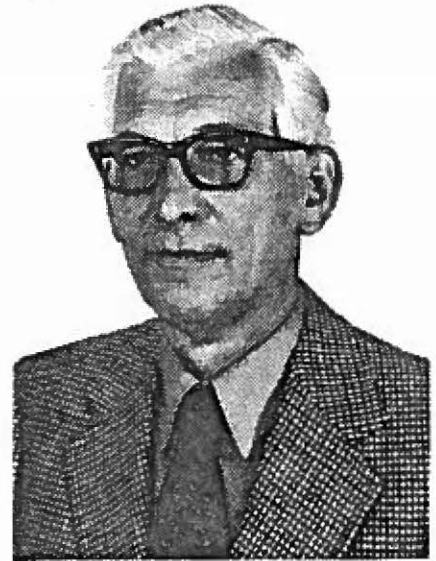
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RESUME OF THEODORE H. GAWAIN

Theodore Gawain, born in Pennsylvania in 1918, received the B.S. degree in Mechanical Engineering, with distinction, from the University of Pennsylvania in 1940 and the degree Doctor of Science in Mechanical Engineering from M.I.T. in 1944. His research concerned the creep of metals and his minor field was applied mathematics. While at the Institute he was recipient of the Sloan Fellowship in Engineering.

In 1940-41 he worked at the Firestone Tire and Rubber Company where he invented a method of increasing the impact resistance of automobile tires. During the period 1944-46 he was Chief Analytical Engineer of the Gas Turbine Department, Baldwin Locomotive Works, Philadelphia and during the years 1946-51 he served as Assistant Consulting Engineer of the Gas Turbine Division, DeLaval Steam Turbine Company, Trenton. He worked on the development of experimental gas turbine power plants for the U.S. Navy and on other projects.



He joined the faculty of the Naval Postgraduate School in 1951 and worked for some years on the development of the then new Aeronautical Propulsion Laboratories. Holding the rank of Professor in the Department of Aeronautics, he teaches various courses in propulsion, aerodynamics and structures. He has served on various faculty committees including the Scholarship Committee and the Excellence in Teaching Committee.

Professor Gawain has served as a consultant to TRW, Westinghouse, General Electric, Aerojet General and other companies. He has been licensed as a professional engineer by the states of New Jersey, Pennsylvania and California and has been a member of various professional organizations including ASME, AIAA, ASEE, Sigma Xi and Tau Beta Pi.